

ACCESSION NR: AP4043315

S/0249/84/020/005/0033/0036

AUTHOR: Ismaylov, I. A.

TITLE: Typification of synoptic processes resulting in cold invasions into Azerbaijan

SOURCE: AN AzerbSSR. Doklady*, v. 20, no. 5, 1964, 33-36

TOPIC TAGS: meteorology, synoptic process, weather forecasting, cold, atmospheric temperature, cold wave, cyclone, anticyclone

ABSTRACT: In a review of available data on the subject, the author discusses the important part played by cold invasions in the genesis of weather and climate in the Azerbaijan SSR. Fifty nine cases of extremely intense cold waves, occurring in the ten-year period from 1950 to 1959, are identified and characterized statistically and meteorologically. The cold waves brought subzero temperatures to the plains of Azerbaijan and caused severe agricultural damage. The incidence of the cold waves, tabulated in the article by years and months, shows an irregular year-by-year pattern reaching a maximum of 11 cases in 1953 with only 2 cases each in 1955 and 1957. From

Card 1/2

ACCESSION NR: AP4043315

an analysis of aerosynoptic data, the following types of atmospheric processes are identified which give rise to cold waves: 1) anticyclones which move along a polar trajectory, 2) anticyclones which move along an ultrapolar trajectory, 3) anticyclones of the moderate latitudes, 4) cyclones approaching from the south, and 5) less mobile central cyclonic systems. Orig. art. has: 5 tables.

ASSOCIATION: Institut geografi Akademii nauk Azerbaydzhanskoy SSR (Institute of Geography, Academy of Sciences, Azerbaijan SSR)

SUBMITTED: 03Jul63

SUB CODE: ES

NO REF SOV: 003

ENCL: 00

OTHER: 000

Card 2/2

ISMAYLOV, I.A.

Invasion of cold weather into Azerbaijan in a system of polar
anticyclones formed over Fennoscandia. Izv.AN Azerb.SSR.
Ser.geol.-geog.nauk no.2:99-106 '64.

(MIRA 18:11)

GUSEYNOV, F. G.; KALANTAROV, M. I.; ISMAYLOV, I. D.

Methods for slowing down low-power generators. Izv. AN Azerb.
SSR. Ser. fiz.-mat. i tekhn. nauk no. 2:69-74 '62.
(MIRA 15:10)

(Electric generators)

BASHILOV, Vladimir Vasil'yevich; IBRAGIMOV, Ismail Ali oglu; ISMAYLOV,
I.M., redaktor; AL'TMAN T.B., tekhnicheskiy redaktor _____,

[Circular planimeters and their use in computing instrument
record graphs in the petroleum industry] Krugovye planimetry i
obrabotka imi diagramm priborov v neftianoi promyshlennosti. Baku,
Azerbaidzhanskoe gos. izd-vo neftianoi i nauchno-tekhn. lit-ry,
1955. 45 p. [Microfilm] (MLRA 9:?)
(Planimeter)

I S M A Y L O V , J . M .

PHASE I BOOK EXPLORATION

SOV/2925

11(4) "Azerbaydzhanisty" na chino-izabidovskiy institut nefti -
Baku. Azerbaydzhanisty prodayshchey puchchesi imen. V. V. Baybayaeva.

pererabatyvayushchey puchchesi imen. V. V. Baybayaeva.
pererabatyvayucheskiy puchchesi imen. V. V. Baybayaeva.
Collection of Works, No. 2) Baku,
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kopias printed.

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Sciences, A.M. Kulyayev; Doctor of Chemical Sciences, V.N. Matunyan; Candidate of Technical
Sciences, V.G. Spilberganova; Candidate of Chemical Sciences, N.B. Al'
Candidate of Chemical Sciences, I.M. Ordubayeva; Candidate
Chemical Sciences, A.M. Leyzina; Candidate of Chemical Sciences, I.M. Ordubayeva; Candidate
of Technical Sciences, N.M. Melik-Zade; Candidate of Chemical
Sciences, N.M. Melik-Zade; Candidate of Chemical
Sciences.

PURPOSE: This collection of articles is intended for advanced
engineers, technicians, and refiners concerned with advanced
methods of petroleum conversion.

SCOPE: The collection presents an analysis of different products
types of crude extracted in Azerbaijan and of the products
recovered from the starting, distilling petroleum conversion or crudes
processes. The reactivities, deactivation, and suitability of these grades for the
is described and the suitability of these grades for the
is discussed. Results of catalytic hydrocracking by two-
reacting performed over a catalyst produced by two-
and the chemical cracking are analyzed. Attraction and deactiva-
tive catalysts as well as catalyst circulation in a hyper-
stage of catalysis are reviewed. Various lube oil additives and
flow agents are reviewed. Various types of oils and carbon black
the production of individual articles
are outlined. References are
are outlined.

SOV/2925

Collection of Works, No. 2
Methodology of Analyzing 271
Yachobul'skii, V.D., and N.I. Pervova. Methodology of Analyzing 271
Turbulence Oil Additives
Yachobul'skii, V.D., and N.I. Pervova. V.D. Subbotin-
Melnik-Zade, M.M., A.G. Emel'yanov. V.D. Subbotin-
Verkhnechirikinskii, and N.I. Pervova. Problem of Appraising the Ra-
bility of Adhesive Agents in Diesel Oil by Means of Radioactive
Isotopes 279
Safonov, V.A., N.M. Iurinov, V.G. Sharapov, S.M. Markozarov, and
V.L. Rukobatov. Mastering the Technique of Thermal Conversion of
Petroleum-bearing Sands of Karakumian Carried out over a Fluidized
Bed 293
M.P. Khazanov, N.P. Pan'yova, and V.L. Rukobatov
Jedintsev, N.M. Distillation of Petroleum Liquefaction Oils 10 and 15
Treatment of Dilute Sulfuric Acid from Aliquot
With Spent Sulfuric Acid 306
Izayilova, T.K., and G.M. Abayev. Systems for Control by "Hyper-
ion" Transport 318

Card 7/8

15-57-5-6699

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
pp 144-145 (USSR)

AUTHOR: Ismailov, K. A.

TITLE: Petroleum-Gas Potential of Northwestern Kobystan
(Southeastern Caucasus Mountains) [O neftegazonosnosti
severo-zapadnogo Kobystana (yugo-vostochnyy Kavkaz)]

PERIODICAL: Dokl. AN AzSSR, 1956, Vol 12, Nr 5, pp 325-328

ABSTRACT: All indications of petroleum and gas in Kobystan are associated with fissures and faults and are stratigraphically associated with a supposed petroleum-bearing series lying at a great depth. The majority of investigators believe this series to be the Kiuliulinian sandstones of the Albian. The author associates the supposed petroleum-bearing series with Jurassic deposits. He proposes drilling of an extraordinarily deep exploratory well in the area of the

Card 1/2

15-57-5-6699

Petroleum-Gas Potential of Northwestern Kobystan (Cont.)

village of Astrakhanka.
Card 2/2

N. A. Ye.

15-1957-12-17066

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,
p 52 (USSR)

AUTHOR: Ismaylov, K. A.

TITLE: New Studies of the Tectonics of Cretaceous Deposits
Between the Rivers of Pirsagat and Chikil'chay (South-
eastern Caucasus) [Tektonika polony razvitiya melovykh
otlozheniy mezhdu rech'ya rr. Pirsagat i Chikil'chay
(Yugo-Vostochnyy Kavkaz) v svete noveyshikh issledovanii]

PERIODICAL: Izv. AN AzerbSSR, 1957, Nr 1, pp 69-82

ABSTRACT: The author analyses the tectonics of a complex zone forming the northern border of Kobystan. The zone is subdivided by a sinding fault into the northern Astrakhan-Shikhly belt and the depressed Khodzhali-Akdarinskaya polosa (belt). About 45 km of anticlines and synclines, complicated by many faults and foliated over-thrusts, are also described. Structure of the zone is illustrated by eight transverse sections constructed on the basis of outcrops and from the drilling data. Box-

Card 1/3

15-1957-12-17066

New Studies of the Tectonics of Cretaceous Deposits Between the
Rivers of Pirsagat and Chikil'chay (Southeastern Caucasus)

like and fan-shaped forms and crumpling of rocks on faulted summits, are characteristic for most of the anticlines of the Astrakhan-Shikhly belt. Synclines are usually compressed and covered on both sides by overthrusts. The former idea about a presence of an overthrust cover of great amplitude in the region of Astrakhanka village appears to be erroneous. The author describes the lithology and mineralogy of rocks in the region of the village Astrakhanka and of contemporary rocks farther to the north where the roots of the overthrust were supposed to be located. The rocks of these regions have entirely different composition. In the Khodzhali-Akdarinskaya belt, folded structures are less complex; synclines widen and faults become fewer. The whole belt situated on the slope of the Bel'shoy Kavkaz (Great Caucasus), belongs, according to the author, to a transition zone between the isoclinal and linear folds and the faulted folds. Some folds deviate from the main direction and assume a brachyanticline structure. Mud volcanoes are developed in association with faults. Formation of the structures took place in

Card 2/3

15-1957-12-17066

New Studies of the Tectonics of Cretaceous Deposits Between the
Rivers of Pirzagat and Chikil'chay (Southeastern Caucasus) (Cont.)

several stages: in the Senoman, at the beginning of Paleogene,
at the beginning of the Pontian Age, and in the post-Pontian
Stage.

Card 3/3

V. P. Rengarten

ISMAILOV, K.A.

Organic matter in Cretaceous deposits of northern Kobystan
(southeastern Caucasus). Izv. AN Azerb. SSR no. 3-87-97 Mr '57.
(MLRA 10:8)

(Kobystan--Petroleum geology)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5

ISMAYLOV, K.A.

Characteristics of oil pool distribution in Apsheron fields.
Azerb. neft. khoz. 36 no.12:7-9 D '57. (MIRA 11:3)
(Apsheron peninsula--Petroleum geology)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5"

ISMAILOV, K.A., ORIGOR'YANTS, B.V., ALIMDIBEYLI, F.S.

Oil and gas potentials in Mesozoic sediments of the southeastern
Caucasus. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.5:3-13 '58.
(MIRA 11:12)
(Caucasus--Petroleum geology) (Caucasus-Gas, Natural--Geology)

ISMAYLOV, K.A.; RADZHABOV, M.N.

Geological conditions of upper Cretaceous lime stones deposits
within the boundaries of Astara anticlinorium (Talysh Mountains)
[in Azerbaijani with summary in Russian]. Dokl. AN Azerb. SSR.
14 no.4:307-312 '58. (MIRA 11:5)

1. Institut geologii im akademika I.M. Gubkina,
(Talysh Mountains--Limestone)

ISMAYLOV, K.A.; TAIROV, Ch.A.

Upper Cretaceous of northern Kobystan (southeastern Caucasus)
and its stratigraphic elements. Izv.AN Azerb.SSR.Ser.geol.-
geog.nauk. no.1:23-33 '59. (MIRA 12:5)
(Kobystan--Geology, Stratigraphic)

ISMAYLOV, X.A.

Occurrence of Paleocene sediments in Lerik District. Dokl. AN Azerb.
SSR 15:929-933 '59. (MIRA 13:3)

1. Institut geologii AN AzerSSR.
(Lerik District--Geology, Stratigraphic)

SULTANOV, A.D.; ISMAYLOV, K.A.; TAIROV, Ch.A.

Division of the upper Cretaceous in the Dibar flysch zone.
Sov.geol. 3 no.5:88-96 My '60. (MIRA 13:7)

I. Institut geologii im. akad.I.M.Gubkina; AN Azerb.SSR i
Azerbaydzhanskiy nauchno-issledovatel'skiy institut po
dobyche nefti.
(Dibar region (Caucasus)--Geology, Stratigraphic)

ISMAYLOV, K.A.: IDRISOV, V.O.

Nature of changes in the petroleum picture according to stratigraphic depth in the Kala field (Apsheron Peninsula). Dokl. AN Azerb.SSR 16 no.4:349-352 '60. (MIRA 13:?)
(Apsheron Peninsula--Petroleum--Geology)

ISRAEYLOV, K.A.; PAVLOVA, R.P.

A specific feature of the distribution of water in the Kirmaki
and sub-Kirmaki series of the Kala oil field. Dokl. AN Azerb.
SSR 17 no.8:711-715 '61. (MIRA 14;10)

1. Institut geologii AN AzerbSSR. Predstvoleno akademikom
AN Azerbaydzhanskoy SSR M.V. Abramovichem.
(Kala region(Azerbaijan)--Oil field brines)

ISMAYLOV, K.A.; IDRISOV, V.G.

Some tectonic features of the Zyrya deposit. Dokl.Ak Azerb.SSR.
17 no.11:1059-1063 '61. (MIRA 15:2)

1. Institut geologii AN AzSSR. Predstavлено академиком AN AzSSR
A.D.Sultanovym.
(Zyrya region--Geology, Structural)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5

ISMAYLOV, K.A.; IDRISOV, V.G.

Features of the structural development of the Zyrya field. Azerb.
neft.khoz. 40 no.8:1-3 Ag '61. (MIRA 15:2)
(Apsheron Peninsula--Geology, Structural)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5"

ISMAYLOV, K.A.; GADZHIYEV, R.M.

Subsurface structure of Apsheron oil- and gas-bearing province.
Izv. AN Azerb.SSR.Ser.geol.-geog.nauk i nefti 17-29 '62.

(MIRA 16:2)

(Apsheron Peninsula—Petroleum geology)
(Apsheron Peninsula—Gas, Natural—Geology)

SULTANOV, A.D.; ISMAYLOV, K.A.; SALAYEV, S.G.

Prospective Mesozoic, Paleogene, and Miocene structures of Azerbaijan as important potentialities in the development of prospecting. Izv.AN Azerb.SSR.Ser.geol.-geol.nauk i nefti no.4:69-78 '62. (MIRA 16:2)

(Azerbaijan—Prospecting)
(Azerbaijan—Petroleum geology)
(Azerbaijan—Gas, Natural—Geology)

ISMAYLOV, K.A.; IDRISOV, V.G.

[Oil and gas pools of the eastern part of the Apsheron Peninsula] Zalezhi nefti i gaza vostochnoi chasti Apsheron-skogo poluostrova. Baku, Izd-vo AN Azerb.SSR, 1963. 158 p.
(MIRA 17:5)

ISMAYLOV, K.A.; MIRZOYEV, M.N.

Nature of the change in the composition of the brine waters
according to the cross section of the producing layer of the
Kyurovdag and Mishovdag fields (Kura Lowland). Izv. AN Azerb.
SSR. Ser. geol.-geog. nauk no.5:1)-21 '64. (MIRA 18:6)

ISMAYLOV, K.A.; KOCHARLI, Sh.S.

Role of the paleontological factor in oil and gas formation in the
lower part of the Kura Lowland. Geol. nefti i gaza 9 no.8:1-5 Ag
'65. (MIRA 18:8)

1. Institut geologii AN AzerSSR.

ISMAYLOV, Kh.A.

ISMAYLOV, Kh.A.; GRISHINA, Ye.N.

Results of testing DDT and benzene hexachloride against infurious
eurygasters in Azerbaijan. Dokl. Azerb. SSR 10 no.1:63-66 '54.
(MLRA 7:7)

1. Institut zemledeliya Akademii nauk Azerbaydzhaneskoy SSR.
Predstavлено deystvitel'nym chlenom Akademii nauk Azerbaydzhaneskoy
SSR G.A.Aliyevym.
(Benzene hexachloride) (DDT (Insecticide)) (Azerbaijan--
Eurygasters) (Eurygasters--Azerbaijan)

15 MAY 2001 KHA 11
ISMAYLOV, Kh.A.

On the problem of devising a plant disease-resistance test. Dokl.
AN Azerb.SSR 10 no.10:723-727 '54. (MLRA 8:10)

1. Institut zemledeliya Akademii nauk Azerbaydzhanskoy SSR. Pred-
stavлено deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy SSR
A.I.Karayevym.

(Plant diseases)

ISMAYLOW, Kh.A.

~~Effect of sowing periods on damage to wheat by striped rust.~~
Dokl. AN Azerb. SSR 10 no.12:871-873 '54. (MLRA 8:10)

1. Institut zemledeliya Akademii nauk Azerbaydzhanskoy SSR.
Predstavleno deystvitel'nym chlenom Akademii nauk Azerbayd-
zhanskoy SSR G.A.Aliyevym.
(Wheat--Diseases and pests) (Uredineae)

USSR/Plant Diseases. Diseases of Cultivated Plants.

3-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25329.

Author : Ismaylov, Kh.

Inst :

Title : The Significance of the Centralized Treatment of Seeds
with Fungicide to Eliminate Grain Crops Smut Diseases.
(O znachenii tsentralizovannogo protravlivaniya semyan
dlya likvidatsii golovneykh zabolevaniy zernovykh kul-
tur).

Orig Pub: Azerb. sosyalist kend teserrufaty, 1957, No 7, 45-47.

Abstract: No abstract.

Card : 1/1

TAGI-ZADE, A.Kh.; ISMAYLOV, Kh.A.

Content of carbohydrates in the leaves of sick and healthy plants
[in Azerbaijani with summary in Russian]. Uch. zap. AGU.
Biol. ser. no.6:45-47. '60. (MIRA 15:12)

(Plant diseases)
(Carbohydrate metabolism)

ISMAYLOV, Kh.A.

The wheat smut Tilletia controversa [redacted] in Azerbaijan.
Dokl. AN Azerb. SSR 17 no.6:507-509 '61. (MIRA 14:8)

1. Institut genetiki i selektsii AN AzerSSR. Predstavleno
akademikom AN Azerbaydzhanskoy SSR I.D. Muntasafayevym.
(Azerbaijan--Smuts) (Wheat--Diseases and pests)

ISMAYLOV, Kh.A.

Damage caused by covered smut to wheat in mountainous districts.
Trudy Inst.gen.i sel.AN Azerb.SSR 2:28-33 '62. (MIRA 16:2)
(Azerbaijan—Wheat—Diseases and pests)
(Azerbaijan—Smut)

ISMAYLOV, K.A.; KHALILOV, N.Yu.

Tectonic correlation of Tertiary and Mesozoic sediments in
the northern part of the Apsheron Peninsula. Dokl. AN Azerb.
SSR 19 no.9:39-43 '63. (MIRA 17:8)

1. Institut geologii AN AzSSR, Predstavлено академиком AN AzSSR
M.V. Abramovichem.

ISMAYLOV, Kh.M.; GUR'YANOVA, Ye.N.

Dipole moments of alkyl-substituted thiophenols. Dokl.AN AzerbSSR
20 no.10:17-19 '64. (MIRA 18:2)

1. Fiziko-khimicheskiy institut im. Karpova i Institut neftekhimicheskikh
protsessov AN AzerbSSR.

ISMAYLOV, Kh.M.; OSIPOV, O.A.; GARNOVSKIY, A.D.; KASHIRENINOV, O.Ye.;
CHIKINA, N.L.

Complex compounds of metals of group IV with dialkylaminomethyl-
phenols and their sulfides. Dokl. AN Azerb. SSR 21 no.3:34-38
'65. (MIRA 18:7)

1. Institut neftekhimicheskikh protsessov im. Yu.G.Mamedaliyeva
AN AzerSSR i Rostovskiy gosudarstvennyy universitet.

ISMAYLOV, M. A.

32511. Ismaylov, M. A. K istorii Azerbaydzhanskoy neftyanyoy promyshlennosti
v I polovine XIX v. Izvestiya Akad. nauk Azerbaydzh. SSR, 1949, No. 9,
s. 66-78 Na azerbaydzh. yaz. --- Rezyume na rus. yaz.

SO: Letopis' Zhurnal'nykh Statey, Vol. 44

ISMAYLOV, M.A.

Comparative evaluation of the performance of ball elements of
drill-bit bearings. Za tekhn. prog. 3 no.7:25-26 Jl '63.
(MIRA 16:12)

1. Mashinostroitel'nyy zavod imeni S.M. Kirova Soveta narodnogo
khozyaystva Azerbaydzhanskoy SSR.

ISMAYLOV, M.A.; PED'KO, A.I.

Increasing the wear resistance of cutting bits." Za tekhn. prog. 3
no. 20-21 Ag '63. (MIRA 17:1)

1. Zavod burovogo instrumenta imeni S.M. Kirova (for Ismaylov).
2. Azerbaydzhanskiy institut nefti i khimii imeni M. A. Aizbekova (for Ped'ko).

PED'KO, A.I.; ISMAYLOV, M.A.

Sliding and rolling speeds of a bearing depending on the dimensional relations of tricone bits. Izv.vys.ucheb.zav.; neft' i gaz 7 no. 1:101-104 '64. (MIRA 17;7)

1. Azerbaydzhanskiy institut nefti i khirii imeni M.Azizbekova i zavod neftyanogo oborudovaniya imeni S.M.Kirova.

SUMBATZADE, A.S.; ISMAYLOV, M.A., red.; DZHARAROVA, A., red.

[Azerbaijan industry in the 19th century] Promst' chlenost'
Azerbaidzhana v XIX v. Baku, Izd-vo AN AzerSSR, 1964.
500 p. (MIRA 17:10)

USSR/General and Special Zoology. Insects. Insect P
and Mite Pests. Pests of Commercial Oil-Bearing,
Medicinal and Essential Oil-Bearing Crops.

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92172

Author : Ismaylov, M. G.
Inst : Azerbaydzhan Scientific Research Institute
of Cotton Raising.
Title : Chemical Methods of Controlling Moth, Gele-
chia malvella H6.

Orig Pub : Byul. nauchno-tekhn. inform. Asorb. n.-i.
in-ta khlopkovodstva, 1957, No 2, 9-14

Abstract : Because of the moth's concealed mode of
life, it is necessary to use insecticides
on the emerged caterpillars before they
penetrate the fruit and when they crawl

Card : 1/3

USSR/General and Special Zoology. Insects. Insect P
and Mito Pests. Pests of Commercial Oil-Bearing,
Medicinal and Essential Oil-Bearing Crops.

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92172

Calcium arsenate is also useful. Thiophos has a very weak effect. It is recommended that 4 sprayings be used against each generation. When eggs are first discovered, one should spray against the first generation and also at the beginning and during the period of large scale egg-laying and again in 5-6 days after the 3rd spraying. Against the 2nd generation, the spray should be used at the beginning and during the period of mass egg-laying and twice after 5-6 day intervals. -- A. F. Adrianov

Card : 3/3

USSR / General and Specialized Zoology. Insects. Harmful Insects
and Acarids. Pests of the Technical, Oil, Medicinal and
Essential-Oil Cultures.

P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82994

Author : Askerov, G. Ya.; Ismaylov, M. G.

Inst : The Azerbaijani Scientific Research Cotton Growing
Institute

Title : Pinching of the Cotton Plant in the Struggle Against
the Mallow Moth

Orig Pub : Byul. nauk.-tekhn. inform. Azerb. n.-i. in-ta
khlopkovodstva, 1957, No 2, 17-20

Abstract : The pinching (P) of the cotton plant in Nakhichevan,
in accordance with agricultural principles, occurs from
15 July to 15 August. In experiments, conducted in 1954,
from 300 model plants, during the customary P (pinching of
the top parts), there were collected 20 eggs on 16 July;

Card 1/3

USSR / General and Specialized Zoology. Insects. Harmful Insects
and Acarids. Pests of the Technical, Oil, Medicinal and
Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 8299⁴

but, on 18 August (the period of mass egg laying of the moth), 67 eggs and 25 caterpillars. However, during the deep P (removal of the top parts, 5-6 cm. in length), on 18 August, twice as many were collected - 152 eggs and 25 caterpillars. The damage to the bolls during the customary and deep P, on 18 August, was reduced, correspondingly, 16 and 25%, in relation to the customary P on 16 July. In 1955, from 300 plants, during the customary P, there were collected, on 17-25 July, 2 eggs and 1-0 caterpillar; on 18-25 August - 26-20 eggs and 0-2 caterpillars; during the deep P, on 19-24 August - 73-75 eggs and 6 caterpillars. During the late customary P, damage to the bolls, in comparison with the early P, was reduced 33.2%, and 55.5-75.5% during the customary P.

Card 2/3

USSR / General and Specialized Zoology. Insects. Harmful Insects
and Acarids. Pests of the Technical, Oil, Medicinal and
Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82994

late deep P. It is expedient to carry out the deep P,
on 15-25 August, by covering the top part of the plants,
which had been collected in bags, with BHC powder and by
digging them in, 50 cm deep. -- A. P. Adrianov

Card 3/3

USSR/Human and Animal Physiology. Internal Secretion

T-8

Abs Jour : Ref Zhur - Biol., No 14, 1950, № 65420

Author : Oruchov I.M., Ismaylov L.B.

Inst :

Title : A Rare Case of Combined Diabetes Mellitus and Diabetes Insipidus.

Orig Pub : Azerb. tibb. zh., 1957, No 9, 42-44 (azerb.), 93-95 (Russian)

Abstract : No abstract

Card #: 1/1

ISMAYLOV, M.M.

Materials on the susceptibility of wheat to various rusts and
smuts in districts of the Lesser Caucasus. Trudy Inst.gen.1
sel.AN Azerb.SSR 2:22-27 '62. (MIRA 16:2)
(Caucasus-Wheat-Diseases and pests)
(Caucasus-Rusts (Fungi)) (Caucasus-Smuts)

ISMAYLOV, N.M.; ABRASOV, R.M.

Examination of alkaloid-bearing plants in Lachin and Kel'badzhar Districts, Azerbaijan S.S.R. Izv. AN Azert. SSR. Ser. biol. i med. nauk no. 6:13-20 '60.

(MIRA 14:9)

(LACHIN DISTRICT--BOTANY, ECONOMIC)
(KEL'BADZHAR DISTRICT--BOTANY, ECONOMIC)
(ALKALOIDS)

ISMAYLOV, O.B.

Effect of carbocholine on the excretory function of stomach
glands after bilateral severance of vagus nerves in the neck.
Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.1:59-65 '64.

(MIRA 17:6)

MAMEDLI, M.G.; MIRZABEKOVA, Kh.A.; ISMAYLOV, P.Kh.

Depara fination of diesel fuel with an aqueous solution of carbamide. Izv. vys. ucheb. zav.; neft' i gaz 7 no.10;61-65 '64.
(MIRA 18:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

MAMEDLI, M.G.; MIRZABEKOVA, Kh.A.; ISMAYLOV, P.Kh.

High-cetane diesel fuel from the petroleum of Peschanyy Island.
Izv.vys.ucheb.zav.;neft' i gaz 6 no. 12:65-68 '63.

(MIRA 17:5)

1. Azerbaydzhanskiy institut nefti i khimii im.M.Azizbekova.

L 17037-65 EWF(m)/EPP(c)/EWP(+)//T
ACCESSION MKT AF4049290

RPL/AFSTR WE7B
S/0152/6/000/010/0061/006

AUTHOR: Mamedli, M. G.; Mirzabekova, Kh. A.; Ismaylov, P. K.

TITLE: Dewaxing of diesel fuel oil with aqueous solution of carbamide

SOURCE: IVUZ. Nafta i Gas, no. 10, 1964, 61-65

TOPIC TAGS: diesel fuel, winter type diesel fuel, summer type diesel fuel, dewaxing process, diesel fuel dewaxing process, carbamide dewaxing process, n-paraffin, soft paraffin

ABSTRACT: Diesel fuels obtained from Pechanyye and crude are high quality winter and summer type fuels in all respects except freezing point, which is -8°C. The addition of a depressor to the diesel fraction produced only summer-type diesel fuel; in order to obtain a low-freezing winter-type fuel, dewaxing required. Dewaxing of the sulfuric crude or fraction with aqueous solution of carbamide was therefore undertaken. This process simultaneously solves the problem of obtaining soft paraffins, which are valuable raw materials in petrochemical synthesis. The properties of the diesel fraction of the crude were as follows:

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L 17837-65

ACCESSION I.R.: AP 04X290

ρ_{4}^{20} = 0.819; viscosity at 20°C, 4.57 cSt; normal paraffin content 27%; and cetane number 59.5%. The following effects were studied: reaction temperature of complex formation carbamide-n-paraffin; contact time; quantity of activator (methanol and/or complex); quantity of wash solvent (benzene and/or gasoline). The following optimum conditions were established for dewaxing the fuel fraction at room temperature with 60% aqueous carbamide solution: ratio of carbamide solution to fuel fraction, 5/1; time of fuel and carbamide solution mixing, 3 min; activator quantity (raw carbamide-n-paraffin complex from the previous operation), 3% by wt; quantity of wash solvent, 350%. Several experiments were conducted to determine the yield and quality of the resulting dewaxed fuel and the n-paraffin under optimum conditions. The average yield of the dewaxed diesel fuel was 74% and that of the recovered soft paraffin, 23%. It was concluded that the dewaxed diesel fuel meets the necessary requirements for a winter-type fuel.

Orig. art. has 2 figures and 4 tables.

ASSOCIATION: Azerbaydzhanskiy Institut nefti i khimii im. M. Azizbekova (Azerbaijani Institute of Petroleum and Chemistry).

Card 2/3

I 17837-65
ACCESSION NR: AP4049290

SUBMITTED: 23 Apr 64

ENCL: 00

SUB CODE: FM

NO RFF SOV: 006

OTHER: 000

"Card 3/3

ISMAYLOV, R.

Products of Azerbaijan are known on many markets. Vnesh.
torg. 42 no.11:46-47 '62. (MIRA 15:11)

1. Pervyy zamestitel' predsedatelya Soveta narodnogo
khozyaystva Azerbaydzhanskoy SSR.
(Azerbaijan—Economic conditions)

ISMAILOV, R.G.

BLAGOVIDOV, I.F.; SPENKTOR, Sh.Sh.; UDALYY, A.M., vedushchiy redaktor;
VOLOKH, S.M., professor redaktor; ISMAYLOV, R.G., dotsent,
redaktor

[Operation of oil refineries] Eksploatatsiya neftepererabatyvayushchikh zavodov. Pod red. S.M.Volokha i R.G.Ismailova. Baku, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otd-nie, 1951. 199 p. [Microfilm] (MLRA 7:10)
(Petroleum--Refining)

ISMAYLOV, R.G.

HAGIYEV, M.F., professor, doktor tekhnicheskikh nauk; EMIRDZHANOV, R.T.,
dotsent, kandidat tekhnicheskikh nauk, redaktor; ISMAYLOV, R.G.,
dotsent, kandidat tekhnicheskikh nauk, redaktor; KADYRLI, A.M.,
tekhnicheskiy redaktor.

[Fuels for engines of modern machinery] Topliva dlia dvigatelei
sovremennoi tekhniki. Baku, Gos. nauchno-tekh. izd-vo neftianoi
i gorno-toplivnoi lit-ry, 1954. 129 p. [Microfilm] (MIRA 8:1)

1. Deystvitel'nyy chlen Akademii nauk Azerbaydzhanskoy SSR.
(for Hagiyev).
(Fuel) (Engines)

ISMAYLOV, R.G.

MAMEDLI, Musa Guli ogly, professor, doktor tekhnicheskikh nauk; ISMAYLOV,
P.G., redaktor

[Technology of the production of aviation fuels] Tekhnologiya
proizvodstva aviatcionnykh topliv. Baku, Azerbaidzhanskoe gos.
izd-vo neftianoi i nauchno-tekhn. lit-ry, 1956. 129 p.

[Microfilm] (MIRA 9:?)
(Airplanes--Fuel)

GUSEYMOV, Dzeyrail Alekper oglu; ISMAYLOV, R.G., dozent, kandidat tekhnicheskikh
nauk, redaktor; RZAYEV, I.M., tekhnicheskiy redaktor.

[Technology of producing lubricating oils] Tekhnologiya proizvedstva
smazochaykh masel. Baku, Azerbaidzhanskoe gos.ind-vo neftianei i
nauchno-tekhn. lit-ry, 1956. 371 p.
(Lubrication and lubricants) (MIRA 9:6)

ISMAILOV, R. G.

"Chemistry and Petroleum Conversion" by R. G. Ismailov and Sh. Sh. Spektor,
Azer. Neft. Khoz., January 1956.

In view of the rising demand for solar fractions needed for the Diesel and heavy motor fuel production certain suggestions are made in this article as to how the petroleum fractionation could be intensified and labor efficiency raised. It is proposed to install for this purpose an auxiliary vacuum vaporizer attached to the atmospheric unit.

SO: Translation D527577

ISMAYLOV, R.G.; SULTANOV, Z.Z.; IVANOVA, T.M.

Selecting stock for obtaining thermal cracked gasoline enriched
with ethylene. Azerb.neft.khoz. 35 no.4:22-26 Ap '56. (MLRA 9:10)

(Pyrolysis)

ISMAYLOV, R.G.; SPEKTOR, Sh.Sh.; GUTYRYA, V.S.

Evaluating the degree of utilization of raw materials by operating crews of oil refineries. Azerb.neft.khoz.35 no.7:27-29 Jl '56.
(Petroleum-Refining)

ISMAILOV, R.G.; KARDASH, I.M.

Methods for reducing the loss of petroleum and petroleum products in refineries. Azerb.neft.khoz.35 no.9:25-27 S '56.
(Petroleum—Refining) (MLRA 9:12)

(Soviet Union)
LEMBERANSKIY, A.D.; ISMAYLOV, R.G.

Developments in the use of technical methods and machinery in
Azerbaijan petroleum refineries. Azerb.neft.khoz. 36 no.11:27-30
N '57. (MIRA 11:2)
(Azerbaijan--Petroleum--Refining)

ISMAYLOV, R.G.

Hydrocarbon resources in Azerbaijan petroleum for petrochemical synthesis. Izv. vys. ubheb. zav.; neft' i gaz no.1:119-123 '58.
(MIRA 11:8)

1. Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
(Azerbaijan-Hydrocarbons)

ISMAILOV, R.G.; KORNEYEV, M.I.

Combined reforming of straight-run ligroin fractions in combination
with light cracking of fuel oil in dual-furnace thermal cracking unit.
Izv. vys. ucheb. zav.; neft' i gaz 2 no.7:61-67 '59.

(MIRA 12:12)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azisbekova i
ob"yedineniye "Azneftezavody."
(Cracking process)

ISMAYLOV, R.G.; SULTANOV, Z.A.; IVANOVA, T.M.

Pyrolysis of weighted raw materials for producing pyrolysis
gas enriched by ethylene. Azerb.neft.khoz. 37 no.6:34-39
Je '59. (MIRA 13:4)

(Pyrolysis) (Ethylene) (Gases)

SPEKTOR, Shemariy Shimonovich; ISMAYLOV, R.G., prof., red.; SHTEYNGEL', A.S., red.izd-va

[Using the energy of free submerged jets for compounding petroleum products; based on the experience of the Baku petroleum refineries] Ispol'zovanie energii svobodnoi (zatoplennoi) strui dlia kompaundirovaniia nefteproduktov; iz opyta baksinskikh neftepererabatyvaiushchikh zavodov. Red.R.G.Ismaylov. Baku, Azerbaijanskoie gos.izd-vo neft. i nauchno-tekhn.lit-ry. 1960. 86 p.

(MIRA 14:2)

1. Chlen-korrespondent AN Azerbaijanskoy SSR (for Ismaylov).
(Petroleum products)

ISMAYLOV, R.G.; ALIYEV, D.A.

Analysis of light oils from the various stages of pyrolysis for the
content of xylene isomers. Azerb. neft. khoz. 39 no.10:35-36 O '60.

(MIRA 13:11)

(Petroleum products)

ISMAYLOV, R.G.; MAMEDOV, M.A.; ALIYEV, V.S.

Develop the petroleum refining industry in Azerbaijan. Azerb. neft.
(MIRA 13:11)
khox. 39:24-25 Ap '60.
(Azerbaijan--Petroleum--Refining)

MAMEDALIYEV, Yu.G.; ISMAYLOV, R.G.; MAMEDALIYEV, G.I.; ALIYEV, S.M.
GASANOVA, Sh. I.

Polymerization of a mixture of vinyltoluenes in the presence
of various initiators. Azerb. khim. zhur. no.5:35-38 '63
(MIRA 17:8)

ACCESSION NR: AP4018647

S/0249/63/019/011/0019/0022

AUTHORS: Mamedaliyev, Yu. G. (Deceased); Ismaylov, R. G.; Aliyev, S. M.;
Mamedaliyev, G. M.; Sarkisyan, A. A.; Agayeva, M. A.

TITLE: Polymerization of unsaturated compounds from fluid products of hydrocarbon
pyrolysis in the presence of $TiCl_4$

SOURCE: AN AzerbSSR. Doklady*, v. 19, no. 11, 1963, 19-22

TOPIC TAGS: coal tar, light oil fraction pyrolysis, indene, coumarone, unsaturated
compound, polymerization, catalyst, titanium tetrachloride, polymer, styrene,
alkene, olefin

ABSTRACT: The materials under study consisted of coal tar light oil fractions,
which were distilled out at 20 mm mercury at temperature ranges of 130-160°C, 160-
190°C, and 120-200°C. These fractions, which contained from 70.5-71.5% of unsatura-
ted compounds of the styrene and indene series and 28.5-29.5% of aromatic compounds,
were polymerized by means of titanium tetrachloride or in benzene. The polymeri-
zation was conducted in ampules, in 5-liter batches, as well as in a continuous
installation, in an atmosphere of nitrogen. The obtained polymers were isolated

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ACCESSION NR: AP4018647

either by precipitation with lower alcohols or with normal paraffins of the C₆ and C₇ series, or with petroleum ether. The effect of temperature (from -30 to 100°C) of the TiCl₄ concentration (0.4-2.5%) and the effect of the duration of polymerization (from 5 minutes to 5 hours) were investigated. It was found that the yield of the polymer increased with higher temperature, higher concentration of the initiator, and longer polymerization time. A 29-99% conversion of the unsaturated fraction was achieved. The melting and softening points of the polymers from the indene fraction (distilling at 160-190°C) ranged within 140-165°C and 170-190°C respectively, while the corresponding points for the polymers from the styrene fraction (distilling at 130-160°C) ranged within 75-87°C and 102-112°C. Orig. art. has: 2 tables.

ASSOCIATION: INKhP

SUBMITTED: 15Jul63

DATE ACQ: 18Mar64

ENCL: 00

SUB CODE: CH

NO REF Sov: 012

OTHER: 004

Card 2/2

ACCESSION NR: AP4041487

8/0249/64/020/003/0023/0026

AUTHOR: Mamedaliyev, Yu. G.; Ismaylov, R. G.; Mamedaliyev, G. M.; Aliyev, S. M.; Gasanova, Sh. I.

TITLE: Copolymerization of liquid unsaturated pyrolysis products with acrylonitrile

SOURCE: AN AzerbSSR. Doklady*, v. 20, no. 3, 1964, 23-26

TOPIC TAGS: acrylonitrile, acrylonitrile copolymer, pyrolysis product, gas pyrolysis, unsaturated pyrolysis product, copolymerization, styrene fraction, indene fraction, diazoisobutyronitrile

ABSTRACT: Copolymerization of the 110-190°C fraction of unsaturated pyrolysis products (60% unsaturated and 40% aromatic) with acrylonitrile (90:10 — 20:80) in the presence of 1% diazoisobutyronitrile at 75°C for 30 hours led to copolymers containing 0.7-1.2 moles of acrylonitrile per mole of unsaturated pyrolysis product in yields of 24-90%. Practically no homogeneous polyacrylonitrile or polymeric pyrolysis product were formed. The N content in the copolymer increased with the proportion of acrylonitrile used, and the rates of conversion were 43.3-96.8 and 86-98% for the pyrolysis product and acrylonitrile,

Card 1/2

ACCESSION NR: AP4041487

respectively. Very similar results were obtained by the copolymerization of the narrower 130-160 or 160-190°C fractions of the unsaturated pyrolysis products, which contained more unsaturated and less aromatic compounds, with acrylonitrile under the same conditions. The authors conclude that copolymerization of the unsaturated fraction of pyrolysis products with acrylonitrile proceeds with a high degree of conversion of the aromatic monomers and leads to the formation of copolymers with a number of valuable properties (melting point and solubility characteristics). Orig. art. has: 3 tables.

ASSOCIATION: INKhP im. Yu. G. Mamedaliyeva

SUBMITTED: 17Dec63

SUB CODE: OC

NO REF SOV: 006

ENCL: 00

OTHER: 000

Card 2/2

MAMEDALIYEV, Yu.G. [deceased]; ISMAYLOV, R.G.; MAMEDALIYEV, G.M.;
ALIYEV, S.M.; GUSEYNOV, N.I.; AKHMED-ZADE, Z.A.

Dehydrogenation of alkyl aromatic hydrocarbons in a fluidized
bed of various oxide catalysts. Dokl. AN Azerb. SSR 20 no.5:
7-10 '64. (MIRA 17:8)

1. Institut neftekhimicheskikh protsessov AN AzSSR imeni
Yu.G.Mamedaliyeva.

MAMEDALIYEV, Yu.G.; ISMAYLOV, R.G.; MAMEDALIYEV, G.M.; ALIYEV, S.M.;
GASANOVA, Sh.I.

Copolymerization of styrene methylated in the nucleus and
 α -methylstyrenes with acrylonitrile in the presence of
dinitrile of azoisobutyric acid. Dokl. AN Azerb. SSR 20
no.8:17-21 '64. (MIRA 17:12)

1. Institut neftekhimicheskikh protsessov AN AzerSSR im.
Yu.G. Mamedaliyeva.

L 27260-65

ENT(a)/EPI(c)/EMI/EMT(J)/T

Re-4/Pt-L/Pb-1

RPL:

EM/W

ACCESSION NR: AP4049434

8/0249/84 020/000/0011/0021

AUTHOR: Mamedaliyev, Yu. G.; Temaylov, R.G.; Mamedaliyev, G. M.; Aliyev, N.I.;
Gasanova, Sh.I.

TITLE: Copolymerization of styrenes with methyl groups in the ring and of alpha-methyl
styrenes with acrylonitrile in the presence of diacetylbutyronitrile

SOURCE: AN AkadSSR. Doklady, v. 207, no. 6, 1972, p. 11-12.

TOPIC TAGS: styrene copolymer, methylstyrene copolymer, acrylonitrile copolymer, catalytic copolymerization, diazobutyronitrile, alkylation

ABSTRACT: Vinyltoluene, isopropenyltoluene, and isopropenyl-methacrylene monomers were produced by alkylating toluene and meta-xylene with ethylene and propylene in the presence of synthetic aluminumicarbonate and dehydration of the alkylated products in a "boiling" layer of quinol catalyst. Copolymerization of these alkylaromatic compounds with acrylonitrile was effected in sealed compules with 1% diazoobutyronitrile as initiator for 10-30 hours, and the resultant compounds were compared with the results of copolymerization of styrene with acrylonitrile. The polymers were found to be insoluble in aromatic hydrocarbons and soluble in dimethylformamide. The alkylaromatic copolymers have

hydrocarbons and esterification products.

Card 1/2

L 27260-65

ACCESSION NR: AP4040434

melting temperatures of 160-180°C and characteristic viscosities of 1.80-1.00. The degree of conversion of the alkene-aromatic monomers varied from 65-100%, and time of the reaction 0.7-1.00 hr. Orig. Art. has: 5 tables.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5

melting temperatures of 160-180°C and other properties. Viscosities of the polymers varied from 50-1000, and rates of conversion of the alkene-arylmethio monomers varied from 50-100%. Orig. art. has: 5 tables.

ASSOCIATION: IN SEP IN. YU, G. ~~Macromolecules~~

SUBMITTED: 17Dec63

ENCL: 80

REF ID: A6519

NO REF Sov: 600

OTHER: 6019

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5"

L 06466-67 EWP(j)/EWT(m) IJP(c) RM/WW
ACC.NR: AP6029338 (A) SOURCE CODE: UR/0316/66/000/002/0044/0051
AUTHOR: Aliyev, S. M.; Ismaylov, R. G.; Mamedaliyev, G. M.; Agayeva, M. A.
ORG: INKhP AN AzerbSSR
26/3
TITLE: Combined process of preparation of copolymers of alkenyl aromatic monomers with unsaturated alkyl resins
SOURCE: Azerbaydzhan'skiy khimicheskiy zhurnal, no. 2, 1956, 44-51
TOPIC TAGS: graft copolymer, alkyl resin, styrene, toluene, vinyl compound
ABSTRACT: Graft copolymerization of styrene, α -methylstyrene, vinyltoluene and their derivatives methylated in the ring with modified alkyl resins was studied in solutions of alkyl aromatic hydrocarbons in the presence of various initiators. The effect of various factors on the process was studied, and optimum parameters of exhaustive copolymerization of alkenyl aromatic monomers were determined. It was found that at 140°C, for a duration of 15-20 hr and in the presence of 0.5-2% of initiator (cumene hydroperoxide), a 95-98% conversion of the monomer is achieved. The copolymers obtained are chiefly characterized by the lack of homopolymer impurities, and their films are highly transparent, very hard, and dry quickly. The use of dehydrogenation products of alkyl aromatic hydrocarbons instead of the pure monomer and special solvents simplifies the technology and increases the efficiency of the process of production of alkyl resins modified with alkenyl aromatic monomers. A flow sheet for a com-

Cord 1/2

L 06466-67

ACC NR: AP6029338

bined process of production of alkyd-alkenyl aromatic copolymers is proposed. Orig.
art. has: 4 figures and 2 tables.

SUB CODE: 07/ SUBM DATE: 30Jul65/ ORIG REF: 002/ OTH REF: 003

Card 2/2n/fc

ISMAYLOV, S.

Shikhetov construction unit is building offshore platforms.
Izobr. i rats. no. 7:20-22 J1 '60. (MIRA 13:8)

1. Starshiy inzhener po tekhnike bezopasnosti i
izobretatel'stvu tresta "Asneftestroy."
(Caspian Sea region—Oil well drilling, Submarine)

MUSAYEV, M.A.; ALIYEVA, F.K.; ISMAYLOV, S.G.

Distribution of Isospora gallinae Scholtyseck, 1954 among
domestic chickens of Azerbaijan. Izv. AN Azerb. SSR. Ser.
biol. nauk no.2:30-32 '65. (MIRA 18:7)

ABRANYAN, T. Kh., inzh.; ISMAYLOV, S.N., inzh.

Mechanizing the installation of offshore platforms for oil production. Mekh.i avtom.proizv. 14 no.2:50-51 F '60.
(Oil well drilling, Submarine--Technological innovations)

ISMAYLOV, T.G., Cand Agr Sci -- (diss) "Effect of
~~methods of sowing~~ upon
progressive means of cotton seedling on its yield
under conditions of west Shirvan' of the Azerbaydzhan
SSR. Kirovabad, 1958, 18 pp (Min of Agr USSR.
Azerbaydzhan Agr Inst) 150 copies (KL, 29-58, 134)

L 61501-67 RPT(m) J.W./TM
ACCESSION NR: AP5010234

UR/01 3/65/000/002/0007/0011
678.7/2

AUTHORS: Vinogradov, G. V.; Malkin, A. Ya.; Iamaylov, T. M.; Yermilova, G. A.

TITLE: Rheological properties of polypropylene

SOURCE: Khimicheskiye volokna, no. 2, 1965, 7-11

TOPIC TAGS: polypropylene, viscous flow, stress relaxation, Maxwell law/CP 30
polypropylene, tlobis, PEV-1 elastoviscosimeter

ABSTRACT: The purpose of the investigation was to extend the presently available rheological data on polypropylene. The following properties were studied:
growth of deformation with time, transition through the hearing limit, attain-
ment and characteristics of conditions for steady flow, and characteristics of the

Korshin, N. V., Prokof'yev, and V. A. Karpov

UDAN-SGSR 154 800 1964 11 1748

Card 1/2

L-61505-65

ACCESSION NR: AP5010234

empirical formula is expressed as

$$\eta/\eta_n = 1 + 6.12 \cdot 10^{-4} (\gamma)^{0.84} + 2.35 \cdot 10^{-4} (\gamma)^{0.91}$$

where η_n is the maximum Newtonian viscosity, η the effective viscosity, and γ the relative deformation of the polymer. The temperature dependence of η_n is given by the Arrhenius relationship $\ln \eta_n = A - E/RT$.

with an energy of activation $E = 23$ Kcal/mole. The molecular weight determined from viscosity data was found to be 9×10^5 . From stress relaxation data it is concluded that polypropylene does not obey Maxwell's Law, nor can the relaxation be described in terms of any other linear model. Orig. tr. has 6 graphs and

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5

From viscosity data and found that at 10° C. from extrapolated data it is concluded that polypropylene does not obey Markovnikoff's law. Nor can the relaxation be described in terms of any other linear model. Origin of the has been extrapolated and 2 equations.

ASSOCIATION: Institut neftekhimicheskogo sinteza im. A. V. Topchiyeva, AN SSSR
(Institute for Petrochemical Synthesis, AN SSSR)

SUBMITTED: 08Jul64

ENCL: 00

SUB CODE: OC

NO REF Sov: 009

OTHER: 008

Card 2/2 181

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618910010-5"

SHUKYUROV, Sh.Z.; AKHUNDZADE, I.R.; ISMAYLOVA, D.B.; SEIDOVA, P.Sh.;
ISMAYLOVA, T.A.; PARSA DANOV A, N.S.; STARIKOVSKAYA, L.M.;
AKHUNDOV, T.A.; KHALAFLI, E.M.; KARLENKO, S.N.

Results of treating newly detected cases during 1960-61
in the Municipal Antituberculosis Dispensary and methods
of controlling the use of antibacterial preparations by
patients. Azerb. med. zhur. no.7:59-65 Jl '63.
(MIRA 17:1)

MOVSUMZADE, M.M.; ISMAYLOVA, F.G.

Hypochlorite oxidation of trimethylethylene. Azerb. khim. zhur.
no.3:59-63 '64. (MIRA 18:5)

ISMAYLOVA, F. M.

ISMAYLOVA, F. M.

"The Conditions of Soil Formation and the Types of Soil on
the Shirvanskaya Steppe." Cand Agr Sci, Georgian Order of Labor
Red Banner Agricultural Inst, Min Higher Education, Tbilisi, 1954.
(KL, No 8, Feb 55)

SO: Sum. No 631, 26 Aug 55-Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions
(14)

ISMAYLOVA, T.M.

~~Geological~~ "Kerukh" soils in the Shirvan Steppe. Inv. # Arb. no. 11:137-145
1956. (MLRA 10:2)

(Shirvan Steppe—Soil fertility)

ISMAYLOVA, F.M.; BABYEV, G.G.

Soils of Kubatly District. Trudy Inst. pochv. i agrokhim.
AN Azerb. SSSR 10:125-158 '61. (MIRA 15:1)
(Kubatly District--Soils)

ISMAYLOVA, F.M.

Floodplain meadow soils of Kubatly District in the Azerbaijan S.S.R.
Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3:79-85 '63.
(MIRA 16:6)

(Kubatly District--Soils)

ISMAYLOVA, F.M.

Mountain Chestnut soils of Kubatly District, Azerbaijan S.S.R.
Izv. AN Azerb.SSR. Ser.biol.i med.nauk no.4:93-100 '69.
(MIRA 1714)

FARADZHEVA, S.B.; ISMAYLOVA, F.M.

Mineralogical composition of some soils of the lesser Caucasus
developed from the eluvium of quartz prophyry. Izv. AN Azerb.
SSR. Ser. biol. nauk no.6:59-66 '64. (MIRA 18:6)